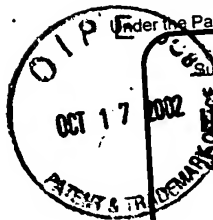


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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

**Complete if Known**

Application Number 10/051,417

Filing Date 01/17/2002

First Named Inventor Bart R. Jones et al.

Group Art Unit 3248

Examiner Name 1/6 Rdd

Attorney Docket Number 1062-022

U.S. PATENT DOCUMENTS						Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	
		Number	Kind Code <sup>2</sup> (if known)			
<i>Hand</i>		3,724,599		Heidacker	04/03/1973	
<i>Hand</i>		3,903,350		Baird	09/02/1975	
<i>Hand</i>		3,993,126		Taylor	11/23/1976	
<i>Hand</i>		4,101,003		Timour et al.	07/18/1978	
<i>Hand</i>		4,266,604		Sumikawa et al.	05/12/1981	
<i>Hand</i>		4,301,775		Smart et al.	11/24/1981	
<i>Hand</i>		4,345,552		Kasting et al.	08/24/1982	
<i>Hand</i>		4,492,267		Cadars	01/08/1985	
<i>Hand</i>		4,531,578		Stay et al.	07/30/1985	
<i>Hand</i>		4,540,044		Lenz	09/10/1985	
<i>Hand</i>		4,576,223		Humpolik et al.	03/18/1986	
<i>Hand</i>		4,586,566		Kern et al.	05/06/1986	
<i>Hand</i>		4,600,051		Wehrman	07/15/1986	
<i>Hand</i>		4,678,026		Lenz et al.	07/07/1987	
<i>Hand</i>		4,709,689		Simcox	12/01/1987	
<i>Hand</i>		4,709,757		Bly	12/01/1987	
<i>Hand</i>		4,735,261		Huebner	04/05/1988	
<i>Hand</i>		4,898,261		Winberg et al.	02/06/1990	
<i>Hand</i>		4,930,469		Kamprath et al.	06/05/1990	
<i>Hand</i>		4,939,923		Sharp	07/10/1990	

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14,939,923

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup> <small>Kind Code<sup>5</sup> (if known)</small>				
Hand			GB 2 245 931A	Rover Group Limite	01/05/1992		
Hand			DE 39 27 955A1	Behr GmbH	02/28/1991		
Hand			DE 37 20 483A1	Showa Aluminum K.K.	01/28/1988		
Hand			DE 38 09 944A1	Suddeutsche Kuhlerfabrik	10/12/1989		
Hand			WO 01/44311A1	The Dow Chemical Co.	06/21/2001		
Hand			JP408132529A	Miura Morimichi	05/1996		
Hand			JP411302480A	Aoyama et al.	11/1999		
Hand			JP11207826	Three Bond Co. Ltd.	03/08/1999		
Hand			JP200210947	Hitachi Chem Co. Ltd.	02/08/2000		
Hand			EP0992674A2	Alusuisse Technology	12/04/2000		

Examiner Signature *1/6 m Rdd* Date Considered 1/9/03

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 1

**Complete if Known**

Application Number	10/051,417
Filing Date	01/17/2002
First Named Inventor	Bart R. Jones et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	1062-022

**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
Hand		4,940,086		Stay	07/10/1990	
Hand		4,951,783		Kamprath et al.	08/28/1990	
Hand		5,083,537		Onofrio et al.	01/28/1992	
Hand		5,107,924		Herbert et al.	04/28/1992	
Hand		5,158,045		Arthur et al.	10/27/1992	
Hand		5,188,078		Tamaki	02/23/1993	
Hand		5,195,581		Puntambekar et al.	03/23/1993	
Hand		5,223,684		Li et al.	06/29/1993	
Hand		5,284,203		Dauvergne	02/08/1994	
Hand		5,329,903		Mueller et al.	07/19/1994	
Hand		5,531,196		Clark	07/02/1996	
Hand		5,575,256		Peters et al.	11/19/1996	
Hand		5,617,825		Altmann et al.	04/08/1997	
Hand		5,636,605		Nomizo et al.	06/10/1997	
Hand		5,636,607		Sattler et al.	06/10/1997	
Hand		5,669,350		Altmann et al.	09/23/1997	
Hand		5,704,325		Sattler et al.	01/06/1998	
Hand		5,704,335		Akutagawa et al.	01/06/1998	
Hand		5,715,782		Elder	02/10/1998	
Hand		5,743,011		Dickerson et al.	04/28/1998	

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**FOREIGN PATENT DOCUMENTS**

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
Hand			EP0512678		Ford Motor Co.	11/11/1992		
Hand			UK1045948		Napier	10/19/1966		

Examiner Signature

Handwritten signature

Date Considered

4/9/83

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	1
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**Complete if Kn wn**

Applicati n Number	10/051,417
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Group Art Unit	
Examiner Name	
Attorney Docket Number	1062-022

**U.S. PATENT DOCUMENTS**

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		Number	Kind Code <sup>2</sup> (if known)			
<i>[Handwritten]</i>		5,746,177		Criss et al.	05/05/1998	
<i>[Handwritten]</i>		5,791,312		Sattler et al.	08/11/1998	
<i>[Handwritten]</i>		5,794,591		Kalebjian et al.	08/18/1998	
<i>[Handwritten]</i>		5,797,589		Kalebjian et al.	08/25/1998	
<i>[Handwritten]</i>		5,837,958		Fornsel	11/17/1998	
<i>[Handwritten]</i>		5,865,244		Moser	02/02/1999	
<i>[Handwritten]</i>		5,875,758		Fujita	03/02/1999	
<i>[Handwritten]</i>		5,878,715		Hernandez et al.	03/09/1999	
<i>[Handwritten]</i>		5,947,073		Chaffin et al.	09/07/1999	
<i>[Handwritten]</i>		6,013,709		Masuyama et al.	01/11/2000	
<i>[Handwritten]</i>		6,021,753		Chaffin et al.	02/08/2000	
<i>[Handwritten]</i>		6,267,093		Lohr	07/31/2001	
<i>[Handwritten]</i>		5,663,284		Kominami et al.	09/02/1997	
<i>[Handwritten]</i>		4,961,967		Pluddemann	10/09/1990	
<i>[Handwritten]</i>		4,941,936		Wilkinson et al.	07/17/1990	
<i>[Handwritten]</i>		5,569,734		Petschel et al.	10/29/1996	
<i>[Handwritten]</i>		5,877,236		Roesch et al.	03/02/1999	
<i>[Handwritten]</i>		5,376,428		Palazzotto et al.	12/27/1994	

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Sheet 1 of 0

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Application Number	10/051,417
Filing Date	01/17/2002
First Named Inventor	Bart R. Jones et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	1062-022

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
hush		Co-pending Application Serial No. 09/766,792.	
hush		Co-pending Application Serial No. 09/825,721.	
hush		Co-pending Application Serial No. 09/826,477.	
hush		Co-pending Application Serial No. 09/921,636.	
hush		Co-pending Application Serial No. 09/922,030.	
hush		Provisional Application Serial No. 60/260,570.	

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